

Amendments to the Claims:

Following is a complete listing of the claims pending in the application, as amended:

1. (Cancelled)
2. (Currently Amended) The system of claim 4-6 wherein the lid comprises a rigid cover having a rim configured to surround the photomask and a seal defining the interface surface extending from the rim.
3. (Currently Amended) The system of claim 4-6 wherein the lid comprises a rigid cover, a rim depending from the cover that defines a recess, an end surface around the rim, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate.
4. (Currently Amended) The system of claim 4-6 wherein the lid comprises a rigid cover, an edge surface around the cover, a groove in the edge surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the pellicle frame.
5. (Cancelled)
6. (Currently Amended) The system of claim 1, further comprising A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame around the photomask, wherein the system comprises:
 - a fixture configured to carry the plate;
 - a lid spaced apart from the fixture, wherein the lid has an interface surface configured to seal against at least one of the plate and/or the pellicle frame;

at least one fluid dispenser configured to dispense a fluid onto the pellicle frame;
and
a clamping assembly to press the interface surface against the plate.

7-14. (Cancelled)

15. (Currently Amended) A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame around the photomask, wherein the system comprises:

a holder configured to carry the reticle;
a lid spaced apart from the holder, the lid having an interface surface that configured to fit within the pellicle frame to forms a barrier between the photomask and the pellicle frame; and
at least one fluid dispenser configured to direct a fluid onto the pellicle frame.

16. (Currently Amended) The system of claim 15, wherein the lid comprises a rigid cover, a rim depending from the cover that defines a recess, an end surface around the rim, a groove in the end surface, and a seal in the groove, and wherein the rim is configured to fit within the pellicle frame and the seal defines an interface surface that contacts the plate.

17. (Cancelled)

18. (Original) The system of claim 15 wherein:
the lid comprises a rigid cover, a rim depending from the cover that defines a recess, an end surface around the rim, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate; and
the system further comprises a clamping assembly to press the interface surface against the plate.

19. (Currently Amended) A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame around the photomask, wherein the system comprises:

- a holder configured to carry the reticle; and
- a cover having rigid casing and a seal, wherein the casing has a rim configured to fit within the pellicle frame and an interior cavity within the rim that is configured to encase the photomask, and wherein the seal is carried by the casing to seal against at least one of the plate and/or the pellicle frame around the photomask.

20. (Previously Presented) A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame with a rim around the photomask, wherein the system comprises:

- a holder configured to carry the reticle; and
- a cover configured to form a fluid barrier between the photomask with the rim of the pellicle frame remaining exposed.

21. (Original) The system of claim 20 wherein the cover comprises a rigid casing having a foot configured to surround the photomask and a seal defining an interface surface extending from the foot.

22. (Original) The system of claim 20 wherein the cover comprises a rigid casing, a foot depending from the casing that defines a recess, an end surface around the foot, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate.

23. (Original) The system of claim 20, further comprising a clamping assembly to press a portion of the cover against the plate.

24. (Cancelled)

25. (Original) The system of claim 20 wherein:

the cover comprises a rigid casing, a foot depending from the casing that defines a recess, an end surface around the foot, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate; and

the system further comprises a clamping assembly to press the interface surface against the plate.

26. (Currently Amended) A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame around the photomask, wherein the system comprises:

a holder configured to carry the reticle;

a cover having casing and a seal, wherein the casing has a panel and a rim depending from the panel to define an interior cavity within the rim that is configured to encase the photomask, and wherein the seal is carried by the casing to seal against at least one of the plate within the pellicle frame and/or the pellicle frame around the photomask; and

a securing mechanism for releasably holding the cover to the reticle.

27. (Original) A system for cleaning a reticle used in photolithographic processing of microelectronic workpieces, the reticle including a plate with a photomask and a pellicle frame with an upper edge around the photomask, wherein the system comprises:

a holder configured to carry the reticle;

a cover configured to form a fluid barrier around the photomask without covering the upper edge of the pellicle frame; and

a securing mechanism for releasably holding the cover to the reticle.

28. (Original) The system of claim 27 wherein the cover comprises a rigid casing having a rim configured to surround the photomask and a seal defining an interface surface extending from the rim.

29. (Original) The system of claim 27 wherein the cover comprises a rigid panel, a rim depending from the panel that defines a recess, an end surface around the rim, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate.

30. (Original) The system of claim 27, further comprising a clamping assembly to press a portion of the cover against the plate.

31. (Cancelled)

32. (Original) The system of claim 27 wherein:
the cover comprises a rigid panel, a rim depending from the panel that defines a recess, an end surface around the rim, a groove in the end surface, and a seal in the groove, and wherein the seal defines an interface surface that contacts the plate; and
the system further comprises a clamping assembly to press the interface surface against the plate.

33-43. (Cancelled)

44. (Original) In the fabrication of microelectronic devices, a method for cleaning a reticle comprising:
mounting the reticle to a holder;
disposing a cover relative to the reticle to form a fluid barrier between a photomask in the reticle and a pellicle frame around the photomask; and
dispensing a cleaning fluid onto the pellicle frame.

45. (Original) The method of claim 44, further comprising sealing the photomask to the cover, the cover including a rigid rim and a seal extending from the rim.

46. (Original) The method of claim 45, wherein sealing includes defining an interface surface between the reticle and the seal, the seal being in a groove of an end surface around the rigid rim of the cover, the cover defining a recess.

47. (Withdrawn) The method of claim 44, wherein disposing includes defining an interface surface between the pellicle frame and a seal, the seal being in a groove, the groove being in an edge surface, and the edge surface being of a rigid rim of the cover.

48. (Cancelled)

49. (Original) The method of claim 44, wherein disposing includes clamping the cover to the reticle.

50. (Cancelled)

51. (Original) The method of claim 44, wherein disposing includes defining an interface surface between the reticle and a seal, the seal being in a groove of an end surface around a rigid rim of the cover, the cover defining a recess; and further comprising clamping the cover to the reticle.

52-56. (Cancelled)

57. (Original) A system for protecting a photomask area of a reticle, comprising:

means for carrying the reticle, the reticle having a surface, wherein a pellicle frame is attached to the surface defining the photomask area;

means for forming a barrier between the photomask area and the pellicle frame;
and

means for dispensing at least one fluid onto the reticle.

58. (Original) The system of claim 57, wherein the barrier means includes a casing configured to cover the photomask area without covering the pellicle frame.

59. (Original) The system of claim 57, wherein the barrier means includes a cover sealed to the reticle in a manner that prevents the fluid from contacting the photomask area.